

A Fast-Neutron Spectrometer, by G. P. Antropov,
Yu. A. Zyrin, 3 pp.

KINDELMAN, DOK, Pribory i Tekhnika, No 4,
1961, pp 31-32.

ZMA

Sci

JUN 62

198,836

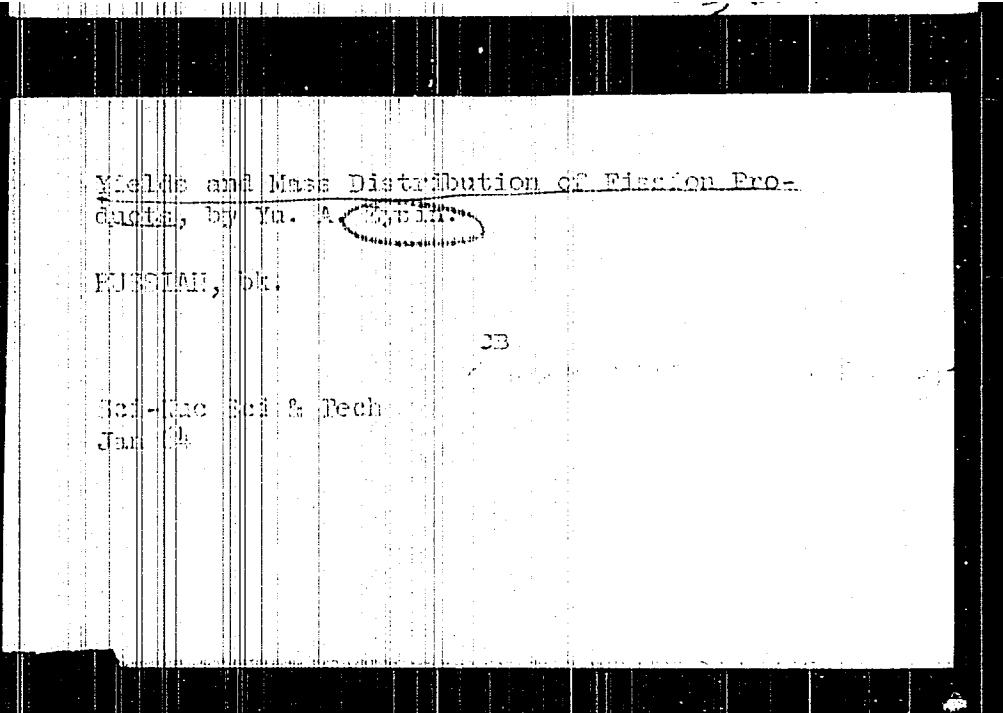
Neutron Yield in Inelastic Collisions of 14-Mev
Neutrons with Hydrogen and Gross Section for the (n,
2n) Reaction, by P. P. Lebedev, Yu. A. Sosin, Yu.
A. Zycin, Yu. S. Miltsev and D. D. Galkinov, 1956.

RUSIAN, per Atom Energ, Vol V, No 5, 1956,
PP 522-525.

Consultants Bureau

Ref:

103-659



Seeking Flame Surfaces, by L. M. Zyslina-Molchanova, L. P.
KUZNETSOV, PZL, Izdatelstvo Vses. Nauk, Vol VI, No 5, 1963.

JFRS 22553

Rec
Jan 6.

1/1/1

Calculating Thermal Boundary Layer in a
Flow of Compressible Gas, by L. N. Zysina-
Molozhen, 8 pp.

RUSSIAN, pp., Inzhenernoe Pis'ye Zhur, No 6,
1962, pp 21-26. 9660620

PTD-TT-63-84

Sci-Engr
May 63

230, 857

Certain Quantitative Characteristics of the Transition
From Laminar to Turbulent Flow in the Boundary Layer,
by L. M. Zybin-Molozov, 12 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXV, No 7, 1955,
pp 1283-296.

909 32 22

Morris D. Friedman
\$6.00 Z-111

41, 445

Sci . Physico
Dec 56 CIA

Certain Results on the Supercritical Flow Around
Turbine Cascades, by L. M. Zysina-Molozhen,
LXXIX DOKLADY AKADEMII Nauk SSSR L. G. Shapiro, 7 pp.

RUSSIAN, per, Teploenergetika, Vol II, No 3,
1955, pp 34-37.

Scientific - Physics

Morris D. Friedman
30,276
Jan 56 CTB/DEX
\$3.50 DSI - 339

(pp only)
(14/Z-43D)

A Study of the Effect of a Longitudinal Pressure Gradient on the Development of a Boundary Layer, by L. M. Zysina-Molozhen,
11 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIV, No 4,
1958, pp 450-460.

AIP
Sov Phys-Tech Phys
Vol IV, No 4

Nov 59

100,859

Heat Transfer in Turbine Grids, by
L. M. Zysina-Molozhen, M. P. Polyak, et al,
8 pp.

RUSSIAN, per, Teploenergetika, No 7, 1962,
pp 77-80. 9682734 [M]

PTD-TT-62-1784

Sci.-Engr
May 63

229,521

An Approximate Method for Calculating the
Thermal Boundary Layer, by L. M. Yzina-
Kolozhen, 7 pp.

RUSSELAN, Jan., Phys. Math. Sis., Vol. IV, No. 5
1959, pp. 632-639.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol IV, No 5

364

Dec 59

103,675

The Calculation of Heat Transfer in a Cascade of
Blades, by I. M. Zysina-Molozhen, 1 pp.

HUSSEIN, per, Zhar Tekh Fiz, Vol 5, No 5,
1979, pp 625-631.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol IV, No 5

Sci

103, 674

Interferometric Investigation of the Flow Around
Cascades of Turbine Profiles by Trans and
Supersonic Flows, by V. A. Zysin, L. M.
Zysina-Molozhen, K. S. Poliakov, I. G. Shapiro, 11 pp.

RUSSEAN, per, Teploenergetika, Vol II, No 2, 1955,
pp 38-43. 9093237

Morris D. Friedman

Scientific - Physics

Jan 56 CTS/DEX

\$5.50

30,275

The Turbulent Boundary Layer in the Presence of a
Longitudinal Pressure Drop, by I. M. Zycina-Molozhen,
15 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXII, No 11, 1952,
pp 1756-1772.

CIA/PDD/Z-96

Scientific - Physics
Apr 54 CIS/DEX

12, 396

Approximate Method for Calculating Losses in
Turbine Blading, by L. M. Zysina-Molozhen.

RUSSIAN, no per, Teploenergetika, No 9, 1955,
pp 43-7.

Co-Op Trans Sch Tr 291
&2.

42, 647

Sci - Engineering

On the Effect of the Viscosity on the Flow
to the Turbulent Flow Region in the Boundary Layer,
by L. N. Zysina-Molodion, 12 pp.

RUSSIAN, mc per, Zhur Tekh Fiz, Vol XXV, No 7, 1955,
pp 1230-1287. 9043-39

Sci - Physics
Dec 55 CTS

Morris D. Friedman

\$6.00 Z-112

44,444

The Effect of Heparin on the Development of Experimental Atherosclerosis, by A. P. Zysko, 5 pp.

RUSIAN, JDR, Ryad. Biolog i Med, Vol XIV, No 5, 1958, pp 29-33.

Consultants Bureau

Sci - Med

Feb 99

80,427

Result of Seismic Research in the Carpathian Foreland Area (Poland), by St. Drwila, Jan Zytnka,
pp.

Publ. per. Nauka, Vol XXII, No 10, Katowice,
Oct 1957, pp 275-278.

US JPRS/RW-L-424

Region: Poland
Econ: Fuels and power

75,760

SECRET
Character and Efficiency of Commissar
System, 1918-1921, by A. L. Ryabov.
Sovietized, 1943.

(NY-6492)

Interference Immunity of Frequency-Type
Radio Telegraphy Under Random Changes in the
Signal Frequency, by A. G. Zyuko, 3 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved., NVO,
Radioelektronika, Vol IV, No 5, Sep/Oct 1961.

JPRS 136(A)

Sci
May 62

104,351

(NY-7126)

Interference Immunity of Systems for Signal
Addition in Diversity Reception, by A. G.
Zyuko, I. D. Suzdal'nitskiy, 9 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO,
SSSR, Radiotekh, Vol V, No 1, 1962, pp 128-131.

JPRS 14401

Sci

Jul 62

202,935

Abstract - On Raising Interference Resistance of a Radio Receiver at a High Level of Fluctuation Noise, by A. G. Zyulko, 4 pp.	Unclassified,
RUSIAN, per, Radiotekhnika, Vol II, No 10, Oct 1956, pg 77-78. CIA 638529	ATTIC F-75- 9187/v
Sgt - Electrophysics	
Nov 58	76, 784

Noise-proof Features and Effectiveness of Facsimile
Radio Link With Fluctuation Noise, by A. G. Zyablo,
16 pp. UNCLASSIFIED

RUEGZAN, 196 year, Radiotekhnika, Vol XI, No 2,
Aug 56, pp 14-24. CIA 635524

ATIC F-11-5185/V

Sci. Electronics
Nov 58

76,405

Comparative Estimate of Communication Channels
With Different Modulation Systems According to
Their Capacity, by A. G. Zyuko, 12 pp.

RUSSIAN, no per, Radiotekhnika, Vol X, No 6,
1955, pp 58-66. Q1A D 450 322
GFA G 05524

Morris D. Friedman
\$6.00 Z-112

Scientific - Electronics
CRS 73/Oct 1955

27898

Zvukov, H. M.		63-10764	I. Zvukov, H. M.
RAILROAD TRACKS IN METALLURGICAL MILLS AND MACHINE-BUILDING WORKS IN CZECHOSLOVAKIA [1962] 6p, Order from OTS or SLA \$1.10		63-10764	
Trans. of Zheleznodorozhny Transport (USSR) 1962 [v. 44, no. 8] p. 88-91.			
DESCRIPTORS: *Railroad tracks, Industrial plants, Foundations (Structures), Design, Welding, Wood, Metals, Concrete, Slags.			
(Machinery-Transport, TT, v. 9, no. 12)			Office of Technical Services

Quantitative Study of the Metamorphism of Snow Crystals by Sublimation, by Zyungo Yosida, 10 pp.

JAPANESE pamphlet, Yuki no Kessho no Shoka
Henkei ni. Tsuite no Teiryō-Teki Hosatsu,
Gihōsei.

Corps of Engr
Snow Ice & Permafrost
Tr 57

Sci - Geography

May 59

Sc, 5/12/3

EFFECT OF CYCLOTRON PERFORMANCE ON THE OPERATION
OF AN ISOLATIVE HIGH FREQUENCY MAGNETRON TYPE,
BY V. A. STREL'NIKOV, D. I. TRUBETZOV, ZSIP

1956, p. PER, IZVESTIA VYSHIH UCHEB. ZAVED
DNEVNOJ SSSR, PO VSEGO RASPOREDU, VOL VI,
NO 2, 1963, PP 11-125.

JPRB 21504

BLJ-1 ENGINEERING
DLT-63

346,630

Photograph: Reproduction of Surface Relief, by
N. D. Klyukin, 9 pp.

RUSSIAN, per, Zinx Hnuch i Prikl Foto i Kine,
Vol VIII, No 5, 1963, pp 348-352.

CIA/FED XX-1626
NO FOREIGN DISSEM

Sci
USIC Internal Use Only

269,694

Methods for Increasing the Sharpness of Poorly
Visible Details in the Photographic Image, by
W. M. Zvukhip, 5 pp.

RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy
Fotografii i Kinematografii, Vol. III, No 3,
May-Jun 1958, pp 207-209.

SLA 57-15588

CIA/FDD XA-624

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Jun 59

89, 841

UEIB INTERNAL USE ONLY

Detection of Dyes With the Aid of a
Photographic Layer, by N. M. Zyuskin, 3 pp.

RUSSIAN, per, Zh Nauch Prik Foto Kine, Vol VII,
No 6, 1962, pp 460-61.

CIA/FDD XX-1393
NO FOREIGN DISSEM

Set

Jul 63

USIS Internal Use Only

236, 025

Detection of Dyes With the Aid of a
Photographic Layer, by N. M. Zyuskin, 3 pp.

RUSSIAN, perz, Zh Nauch Prik Foto Kino, Vol VII,
No 6, 1962, pp 460-61.

CIA/PDD XX-1393
NO FOREIGN DISSEM

Sci

Jul 53

USIB Internal Use Only

236, 025

TT-65-26134

Field 14E

Zruskin, N. M.

ELEKTROLYTISCHE METHOODE VOOR BEHANDELING VAN FOTOGRAFISCHE LAGEN (Elektrolyticheskii Sposob Obrabotki Fotografi. Sloev). Tr. by J. Estercam. Sp. CET-III-36.
Order from CBT as CBT-III-36.

Trans. in Dutch of Zhurnal Nauchnoi i Tekhnicheskoi Fotografii i Kinoematografii (USSR) v6 n5 p363-6 1961.
Other translations are available in French from CFSTI, ETC \$1.10 or CNRS as TT-62-25562, CNRS-XVIII 93, 8p, and in English from CFSTI, ETC or SLA \$1.10 as TT-62-18522, 1962, 5p.

I. Centre Belge de Traductions
Brussels (Belgium)

European Translations Centre

APPLICATION OF THE IMAGE TRANSLATOR FOR
OBSERVATION OF THE ULTRA-VIOLET PART OF THE
SPECTRUM AND FOR LUMINESCENCE IN THE FAR RED
AND INFR.-RED PART OF THE SPECTRUM, BY
N. M. ZYUSKIN, N. M. KOCHEGURA, 10 PP.

RUSSIAN, PER, VOPROSY KRIMINALISTIKI, NO 1-2,
1961, PP 243-249.

JPRS 17445

SCI - PHYS

FE B 63

221,380

PHOTOGRAPHIC AND PHYSICAL METHODS FOR
INVESTIGATING ~~MATERIAL~~ MATERIAL EVIDENCE, BY
N. M. ZYUSHIN, B. R. KIRICHINSKIY, 404 PP.

RUSSIAN, BK, FOTOGRAFICHESKIYE I FIZICHESKIYE
METODY ISSLEDOVANIYA VESHCHESTVENNYKH
DOKAZATEL'STV, MOSCOW, 1962, PP 1-542.

JPRS 17272

SCI - PHYS

JAN 63

220,26

Solution of Silver Bromide in the Photographic Development Process, by E. M. Zyskin, 13 pp.

RUSIAN, 1931, Uspekhi Nauch Fotograf, No 3, 1955,
pp 212-218.

Sci Mus Lib Tr 57/1681

Sci - Physicu
Ecv 57

(CIA/FDD X-26 36)

55,124

An Electrolytic Method of Developing Photographic Films, by N. M. Zyuskin, 5 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinoematografi, Vol VI, No 5, 1961, pp 363-366.

CIA/FDD XX-1292
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Nov 62

USIB INTERNAL USE ONLY

216, 244

(See 6271)

Fotografie v. I. Landessteuer in Reproduction
Techniques, by N. M. Fruckin, 12 pp.

1961, part, Elect. Newsen 3. Prik Fotograf i
Kina, vol. V, no. 4, Jul/Aug 1960;

pp. 27-279.

JPRS 8876

173, 905

Sci. & Phys.
Rev. 6.

The Role of Complex & Silver Compounds in Photographic Developing, by N. M. Zyuskin, 3 pp.

Full translation

RUSSIAN, per Zhur Prik Khim, Vol XXIV, No 11,
Nov 1951, pp 1143-1150.

Consultants Bureau

USSR

Scientific - Chemistry, silver compounds,

1032

Utilisation de la Fluorescence Dans la
Chromatographie, by N. N. Zyskin, 10 p.

RUSSIAN to FRENCH, per, Zavod Lab, 1958,
Vol XXIV, No 7, pp 793-795.

CEA-tr-R675

Sci
Feb 60
Vol 2, No 12

Detection of Periodic Pulse Signals in the
Presence of Impulse Noise and Incoherent
Storage, by P. V. Pylyuzev, 5 pp.

RUSSIAN, per, Radiotekhnika i Elektron., No 3,
1962.

AMM

Sci

Dec 62

218,225

S-5610

(DC-3247).

Character of the Temperature Field in a City and
the Occurrence of Anomalous Lateral Reflection,
by A. S. Zaytsev, 8 pp.

RUSSIAN, part. In Ak Nauk SSSR, Ser Geofiz, No 2,
1959, pp 326-329.

JFM 1-2012-D

Sci - Geophysics - Meteorology
Feb 60

107665

Leading the Element Even in Aerial Combat, by
A. V. Zyumin, 7 pp

: RUSSIAN, per, Ves Voz Flota, No 8, 1960, 9660;92
pp 43-49

ATIC

Sci.
Apr 61

144,605

(NY-1374/29)

Portable Set for Taking Samples of Environmental
Objects in an Epidemic Focus, by V. P. Blokhov,
V. S. Zyuzin, V. P. Tyumin, K. A. Shikhlyarov,
6 pp.

RUSSIAN, per, Voyenno Med Zhur, No 4, 1960.

JPRS 5284

Sci - Med

Sep 60

125, 306

Significance of Certain Microelements in the
Evolution of Radiation Micropathology, by
I. K. Zyuzin, 8 pp.

RUSSIAN, per, Radiobiol, Vol III, No 3, 1963,
pp 364-368.

AEC-Tr-5436

Sci

Mar 64

253,839

S-4602

(NY-1954)

The Effect of Small Doses of Radionactive Phosphorus
on the Nitrogen Metabolism, Hemopoiesis and the
Function of the Cardiovascular System, by I. K.
Zyubin, A. N. Krasnov, 3 pp.

RUSSLIN, POM, West Rentgenolog i Radiolog, Vol.
XXXIII, No 2, 1958, pp 75, 76.

JPR 1327.W

Sci. + Med, Radiology NIH (A-166-6)
Apr '59

85, 37a2

(PID 27754)

Experiment in the Application of Radioactive Isotopes
in Neuroradiologic Practice, by I. K. Zyskin, 11 pp.

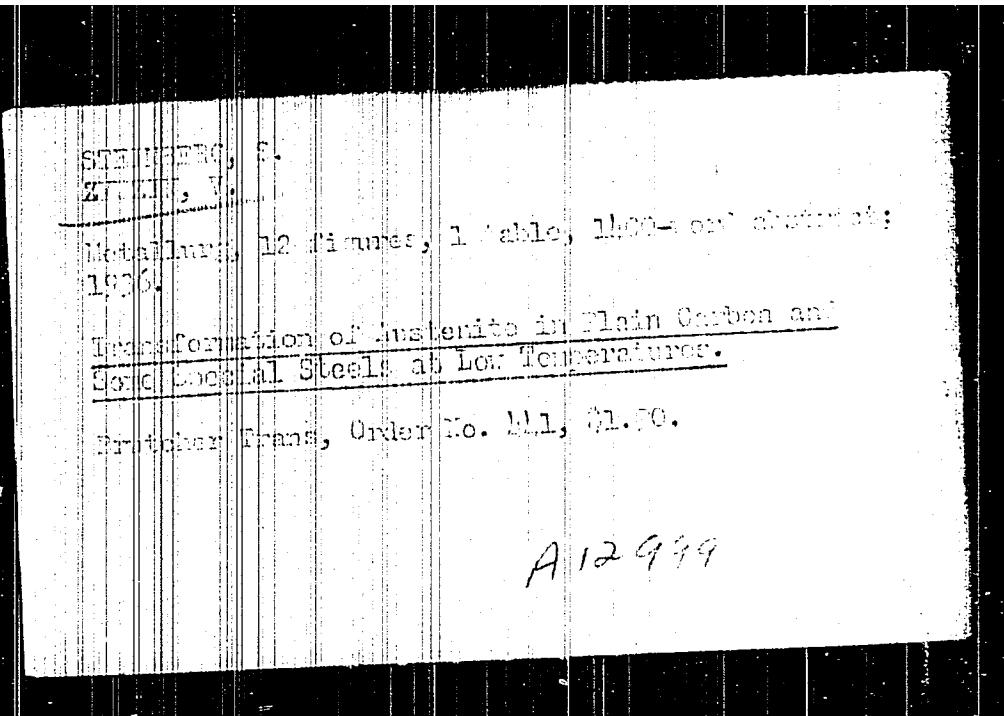
RUSIAN, no per, Klin Med, Vol XXXIII, No 6, Moscow,
Jun 1955, pp 44-45.

CIA/FDD U-8478

38, 221

USHE

Sci - Medicine, radioactive isotopes



STEINBERG, S.
ZUZIN, I.

Archiv Eisenhuttemsoen, vol.7, 1934, pp. 537-8;
10 figures, 150 words.

Transformation of Austenite in High-Speed Steel.

Brücker Trans. Order No. 644, \$1.50.

A11541

Achievement in Medicine in Kazakhstan, by V. I. Zyuzin.

RUSSIAN, per, Sovet i Zoravookhranenie, vol. XVII,
No 2, 1958, pp 30-34. 9072185

USDA

Sci - Med

Oct 60

129,836

Sealed Sharp-focusing Pulse x-Ray Tubes, by M. P. Zyuzin, L. A. Umnitza, V. A. Tsukerman, 4 pp.

RUSSIAN per Tribory i Tekh Eksper, No 1,
1953, pp 84-87.

Instru Soc of Amer

Sci

Appl. Sc

113,527

Influence of Pulsations of the Cross-Section
of the Electron Beam on the Noise Factor of a
Traveling-Wave Tube, by V. E. Glasko,
A. A. Zyuzin-Zinchenko, et al, 11 pp.

RUSSIAN, paper, Radiotekhnika i Elektron, No 10,
1961.

ALEX

Sci

Jul 62

203,041

(HY-4341)

Effect of the Form of Electrical Field in the
Gun on the Noise Factor of Traveling Wave Tube,
by A. A. Zyuxin-Zinchenko, V. M. Lopukhin,
V. M. Vasil'yev, 25 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO SSSR,
Ser Radiotekh, Vol II, No 5, 1959.

JPR8 5527

Sci - Electron

128,330

OAG 50

Drills for Deep Drilling of Small Diameter Holes,
by G. V. Syunyukin, 2 pp.

RUSSIAN, per, Stanislav Instrument, No 9, 1953,
pp 31-32.

Sci Mus Lib 54/0423

214-8

Jul. 54 CTS

Scientific - Engineering

14
Examination of Organs of the Body.
MM 1 - 270,182, 6 1/2
EXAMINER: Dr. J. T. Tamm, No 7, 1964, ID 27-219.
JPTD 270,182

Sci. Sust. & Med.
Det. 4A

270,182

(DC-5226)

Water Problem at the Plock Refinery, by Jan
Zywulski, 4 pp.

POLISH, ^{new} Przeglad Techniczny, No 48,
30 Nov 1960, p 6.

JPRS 8088

Editor - Poland

Econ

Apr 61

148, 973

(NY-5436)

Technical Progress in Coal Mines, by Jan Zyzak,
19 pp.

POLISH, per, Przeglad Gorniczy, Vol XVI, No 9,
1960, pp 433-437.

JPRB 7946

144,285

EEur - Poland

Econ

144,285

Process for Determining the Weight Unloaded of Lump Material (Coke), Allowing for the Room Not Filled Up at the Sides, by K. I. Zyzkov, K. N. Zalitenko. UNCL

RUSSIAN to GERMAN, per, Trudy Inst Groyutsikh
Iskipemykh, Vol III, 1954, pp 78-85.

Verein Deutscher Eisenhuettenleute B9. 8
Duesseldorf
Breite Strasse 27, Germany

B9. 8

May 59